

# PolyPropylene

## Commercial Product List

Product Name	MFR <sup>(1)</sup>	Flex. Mod. (MPa)	Charpy Impact <sup>(2)</sup> (23°C)	Charpy Impact <sup>(2)</sup> (0°C)	Charpy Impact <sup>(2)</sup> (-20°C)	Properties	Processes/Applications
<b>Impact Copolymers</b>							
Safron® C790-90RNA	90	1050	6.0	5.0	4.2	Nucleated, antistatic	Injection moulding - Food containers, yoghurt cups, margarine tubs, housewares, lids, caps & closures
Safron® C740-25RNA	25	900	10	7	5.5	Nucleated, antistatic	Injection moulding - Ice-cream containers, frozen food containers
Safron® C765-15NA	15	1200	12	~	6.5	Nucleated, antistatic	Injection moulding - Crates, boxes, toys, pails, household appliances
Safron® C722-07NA	7.5	1250	10.5	5.5	~	Nucleated, antistatic	Injection moulding - Houseware, appliances, battery cases and containers
Safron® C142-01N	1.4	1200	~	7	5	Nucleated	Extrusion & injection moulding - Thin walled sheet and profile extrusion
<b>Random Copolymers</b>							
Advance 400®	40	1000	5	2	~	Nucleated, antistatic	Injection moulding - Thin wall packaging, food and cosmetic containers, aerosol dust covers
Advance 150®	1.5	1000	11	3	~	Nucleated, UV stabilized	Extrusion, blow moulding & thermoforming - Toiletory containers, petroleum jelly jars, high clarity bottles, film for retort applications
<b>Homopolymers</b>							
Safron® H712-52RNM	50	1500	2.3	~	~	Nucleated	Injection moulding & extrusion coating - Thin walled food and cosmetic packaging, houseware & appliances, caps & closures
Safron® H500-25RG	26	1370	3.0	~	~	Anti-gas fading	Extrusion fibre spinning - Health & hygiene products, geotextiles, carpet face yarns
Safron® H504-12M	12	1360	2.3	~	~		Extrusion and injection moulding - High tenacity yarns, fibres, tufted carpets
Safron® H707-12NSM	12	1500	2.3	~	~	Nucleated, slip	Injection moulding - Houseware & appliances, garden furniture, caps & closures
Safron® H713-06	5.4	1450	4.5	~	~		Injection moulding - Caps and closures, domestic ware, slit tapes for woven bags
Safron® H511-03	3.3	1350	5.8	~	~		Extrusion - Slit film tapes, tapes and monofilaments, ropes and twines
Safron® H510-02	2.0	1360	6.8	~	~		Extrusion, injection & blow moulding - Hinged closures, monofilaments, strapping
Safron® H106-02NSA	2.0	1480	6.0	2.2	~	Nucleated, slip, antistatic	Extrusion & compression moulding - Carbonated soft drink closures

<sup>(1)</sup> MFR = g/10min, 2,16kg @ 230°C

<sup>(2)</sup> Charpy Impact (kJ/m<sup>2</sup>) notched

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